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will be catalogued and classified in a tabulated form, and a report, which will also contain comments on the various statistical methods employed, will be ready for the use of the permanent committee, whose first duty will be to discover the amount and reliable character of the statistics already available and to suggest new means of obtaining information where necessary. A great mass of material bearing on this subject has already been received by the *Consulta* from the countries interested. The Royal Commission has also entrusted Professor Bodio, of the General Bureau of Statistics, with a mission to Germany and Austria in order to study on the spot the systems pursued by those countries for the collection of agricultural reports, and has taken other steps as well in order to extend and improve the statistics furnished in Italy.

At a meeting of the Association of German Architects and Engineers at Kiel, on August 25, Herr Scholer, an official of the Imperial Canal Office, made some statements with regard to the projected extension of the Kiel Canal, which are reproduced in foreign journals. The widening of the canal has been rendered necessary by the fact that even the battleships of 13,200-ton Braunschweig class, with a beam of 22.2 meters, are nearly a quarter of a meter broader than the sill of the canal, which would thus be totally impracticable for the new 18,000-ton battleships now under construction. As already announced, the depth of the canal is to be increased from 9 meters to 11 meters and the width of the sill from 22 meters to 44 meters, which would give a sectional water area of 825 square meters, instead of the present area of about half that extent. The course of the canal will remain essentially the same, and the widening is, as far as possible, to be confined to one bank in order that traffic may not be interrupted. In view of the not altogether satisfactory channel in the neighborhood of the Upper Eider Lakes, east of Rendsburg, a new cut two kilometers in length is to be dug between Lake Audorf and Lake Schirnau. The channel between Levensau and Holtenau is also to be modified. The sill is to be hori-

zontal, and eleven bays are to be constructed, some of which will be carried sufficiently far back to allow the largest steamers to turn in the canal. At various points, like the low-lying district near the Kuden Lake, considerable difficulties will have to be surmounted, owing to the marshy nature of the soil. No less than 500 cubic meters of material will be built into the new locks at Brunsbüttel. The foundations of the new bridges will be sunk to a considerable depth, so as to permit of their being utilized if still further extensions of the canal should be found necessary in the future. The village of Westerrönfeld, near Rendsburg, will be completely bridged over. At Brunsbüttel 42 houses, some of which are of quite recent construction, will have to be pulled down in order to make way for the canal. The total amount of earth to be excavated is estimated at 100 million cubic meters (3,531,700,000 cubic feet). The entire work will be carried out by the Imperial Canal Office with a reinforced staff.

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#### UNIVERSITY AND EDUCATIONAL NEWS

Two important gifts, made to Yale University during the past week, are announced. Archibald Henry Blount, of Herefordshire, England, has left the university nearly his entire estate, the value of the bequest being estimated at \$400,000. The reasons that led Mr. Blount to make this bequest to Yale University are not known. Mrs. James B. Oliver, of Pittsburg, Pa., has given the Sheffield Scientific School \$150,000 for a new lecture hall for work in English economics and history. This hall is a memorial to her son, Daniel Leet Oliver, formerly a student in the Sheffield Scientific School, who was killed in an automobile accident last June.

By the affiliation of the Indiana University and the State College of Physicians and Surgeons, Indianapolis, the name of the medical school is dropped and that of the "Indiana University School of Medicine" substituted. It is specified that the board of trustees of the state university shall have full control of the medical college, but there will be no change in the course of instruction nor in the

faculty. The first two years of work are to be given at the state university, Bloomington, and the last two at Indianapolis.

A DIRECTOR of physical training has been appointed for the Boston School system, and a professional nurse has been assigned to each of the twenty-two districts.

DR. WM. NORTH RICE, professor of geology at Wesleyan University, has been appointed acting president during the absence of President Raymond.

DR. THOMAS T. READ, who has held during the past year the position of professor of mining and metallurgy at Colorado College, has accepted the position of professor of metallurgy at the Imperial University in Tientsin, China. The vacancy at Colorado College caused by his resignation has not yet been filled.

DR. GUSTAVE M. MEYER, of the department of biological chemistry of Columbia University, has been elected head of the department of physiological chemistry at Syracuse University.

E. R. DEWANUP, of the University of Chicago, has been appointed professor of railway management in the University of Illinois.

MR. T. D. BECKWITH, of the Bureau of Plant Industry, Department of Agriculture, Washington, D. C., has been appointed assistant professor of botany and bacteriology at the North Dakota Agricultural College at Fargo, N. D.

New appointments at Stanford University for 1907-8 have been made as follows: *In Law*: Mr. Frederic C. Woodward, of Northwestern University, as professor of law; Mr. Joseph W. Bingham, of Cornell University, as acting assistant professor. *In Philosophy*: Mr. Henry W. Stuart, of Lake Forest University, as assistant professor; Mr. George H. Sabine, of Cornell, as instructor. *In Applied Mathematics*: Mr. Sidney D. Townley, of the International Latitude Observatory, Ukiah, California, as assistant professor; Mr. J. D. Suter, of the University of Wisconsin, and Mr. Edward Jordan, of St. Peter's College, Australia, as instructors. *As Librarian*: Mr. George T. Clark, of the San Francisco Public

Library. *In Political Science*: Mr. James M. Motley, of Wells College, as assistant professor. *In Romanic Languages*: Mr. A. L. Guerard, of Williams College, as assistant professor; Mr. Ernest G. Atkin, of Cornell, as instructor. *In German*: Mr. George H. Danton, of Western Reserve, as acting assistant professor; Mr. Herman Hilmer, of Michigan University, and Mr. Bruno Boezinger, of Texas, as instructors. *In Education*: Mr. Percy E. Davidson, of New York Normal Training College, as acting assistant professor; Mr. M. E. Dailey, of San Jose Normal School, as lecturer. *In History*: Mr. A. Edward Harvey, Princeton '98, as instructor. *In Drawing*: Mr. Robert B. Harshe, of Nantucket School of Design, as instructor. *In Electrical Engineering*: Mr. W. A. Hillebrand, Cornell '00, instructor. *In Greek*: Mr. Edward W. Hope, of University of Illinois, as instructor. *In Metallurgy*: Mr. Luther W. Bahney, University of California '97, as instructor. *In Civil Engineering*: Mr. J. H. Foss, Stanford '03, and Mr. F. H. Fowler, Stanford '05, as instructors. *In Mechanical Engineering*: Mr. Everett P. Lesley, Stanford '97, and Mr. Robert Harcourt, of San Francisco, as instructors.

THE following appointments have been made at New Hampshire College: William Morton Barrows, M.S. (Harvard '06), assistant in zoology; C. S. Spooner, of the Bureau of Entomology, assistant entomologist; Fred Rasmussen, of the Iowa Agricultural College, associate professor of dairying; J. F. Eastman (Massachusetts Agricultural College '07), assistant agriculturist; W. H. Pew (Iowa Agricultural College '07), assistant professor of animal husbandry; Ray Spencer (Dartmouth '07), instructor in English and modern languages; C. P. Cooper (Ohio State University '07), assistant in mechanics and electrical engineering; T. J. Laton (New Hampshire College '04), instructor in drawing; S. T. Adams (New Hampshire College '06) assistant professor of physics and electrical engineering. E. D. Sanderson, professor of zoology and entomology, has been made director of the experiment station.